

BEST AVAILABLE COPY

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/GB 99/04246

NO. OF SUBJECT MATTER
43/10 E2187/20 E21810/64

International Patent Classification (IPC) or to both national classification and IPC

SEARCHED

Documentation searched (classification system followed by classification symbols)
E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1 981 525 A (B.E. PRICE) 20 November 1934 (1934-11-20) page 4, line 43-105 page 4, line 134-141 figure 1	1, 2, 4-9, 16, 17, 20-22, 32, 33 ✓
Y		25-27, 34, 35
Y	US 2 383 214 A (A.L. PROUT) 21 August 1945 (1945-08-21) figure 1	25-27, 34, 35 ✓

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"A" document member of the same patent family

Date of the actual completion of the international search

18 February 2000

Date of mailing of the international search report

03/03/2000

Name and mailing address of the ISA

European Patent Office, P.O. 5010 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 551 epo nl
Fax (+31-70) 340-2010

Authorized officer

Schouten, A

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int'l. Application No.

PCT/GB 99/04246

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 1981525 A	20-11-1934	NONE	
US 2383214 A	21-08-1945	NONE	